

**Abstract**

Multi-layer film laminate is described having at least 4 layers comprising at least one layer (I) as surface layer vapour-coated with aluminium or SiOx or a metal oxide from main groups 2 or 3, a gas barrier layer (II), at least one further layer (III) vapour-coated with aluminium or SiOx or a metal oxide from main groups 2 or 3 and a heat-sealable layer (IV), wherein the vapour-coated surface of layer (I) is adjacent to the following layer.

Their use as high gas barrier films as wrapping of vacuum insulation panels is also described.